OULTRY

Questions and Answers.

Question-(1) Kindly give the num

poultry droppings to conserve their

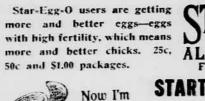
question—May a raw beginner expect to get as good results in hatching with an incubator as by the use of hen? I am planning to raise chickens this season, and know absolutely nothing about operating an incubator. What is considered the best make of machine, and about what will an incubator of 150 eggs capacity cost?

H. S. S.

H. S. S.

Answer—Follow the plainly printed instructions that accompany all incubators, never deviating therefrom, and even a "raw beginner" may reasonably expect to succeed. Nothing ever devised by man, however, can equal a good, reliable hen as an incubating machine, if only a relatively small

# POULTRY, DOGS, PET STOCK.



# START BABY CHICKS RIGHT

Star-Chic-A puts the baby chick on its feet at once. No other food necessary to start baby chicks right, but Star-Chic-A. 10c and 40c packages.

The Star line of Poultry Remedies and Foods at all feed, seed and poultry supply dealers'. Get our new catalogue,

**Bigger Hatches** 

Eggs hatch better if the hens are in perfect

Pratts,

**Poultry Regulator** 

pays big the year 'round.

It prevents disease, sharp-

ens the appetite, improves digestion. You'll get more

"live" eggs-more and stronger chicks.

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15 Poultry Book.
Seed, Feed and Poultry Supply
Peniers in Washington and
Vicinity. 6892.

**Keep Your Poultry** 

Free From Disease To protect your fowls from roup, cholera, sore

head, and other maladies, you must breed, feed and house them properly. The International Correspondence Schools will give you the special information that you need prevent or check disease. The C. S. Course in Poultry Culture

takes the risks out of poultry-keeping and makes profits larger and surer.

"I consider your Poultry Course

says E. Richey, 425 8th St., Waco,

well without the knowledge derived from the course. I had tried rais-ing chickens before with poor re-sults because I did not know how

to prevent diseases among my flock."

"To anyone taking the I. C. S. Course in Poultry Farming there need be no excuse for failure; if I

had it two years ago I would have been spared much anxiety and loss," says D. H. McFalls, White Plains, N. Y.

"Anybody intending to embark in the poultry business, either the amateur or expert, should study the I. C. S. Course in Poultry Farming; it is indispensable," says E. J. Murphy, 260 Bloomingdale

Money in Poultry-If You Know How

year. Poultry-raisers who know how have eggs to sell the year around

-at top prices. Broilers and roasters

pay big profits when grown, fed and sold right. Poultrymen who use scientific methods make each foul

To get best results, you must know your business. The International Correspondence Schools will give you the exact knowledge that you need. Their course in Poultry Farming you need.

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Street Potato Stands.

the London Chronicle.

Mechanical Draiting
Automobile Running
Gas Fagines
Stationary Engineering
Electrical Engineering
Fleetric Light's & Ballen
Civil Engineering
Salesmenshin

Fresh eggs are higher in price every

Road, Worcester, Mass.

earn \$2 a year.

the best investment I ever me

Golden & Co., Wholesale Agents, Washington, D. C. 



# 1 Leghorns

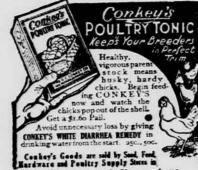
# The Big Stay= White Kind Bred to Lay

Eggs From Large, Vigorous, Pure-White Stock.

> 15 Eggs, \$1.00 100 Eggs, \$6.00

THOMAS C. POLLOCK, 1614 W St. S.E. Phone Lincoln 1670.







# Chicks Thrive Under This Hover

The International Sanitary Hover has ample protected hover-ing space inside the curtain for 100 chicks. It can be used in any building or even in a drygoods box -no holes to cut, no platform to build. To set it up, you simply set it down and light the lamp. It is ready for instant service.

### The International Sanitary Hover

is made of heavy galvanized iron, perfectly insulated, fireproof and vermin-proof. Circular, with greatest warmth at curtain, prewenting chicks from crowding. We recommend it. Price \$8.50.

Come in and see this Hover and also inspect the Hatchalot Incubator, 6 in 1 Exerciser-Feeder and the full line of H-I poultry supplies and remedies.

SCHULTZ'S SEED STORE. Seeds and Poultry Supplies. 304 10th St. N.W., Wash., D. C. 

WHITE LEGHORY COCKERELS, S. C.-One FERRIS: one RANCOCAS, Mr. Heaton, Star ST. BERNARD-Female. 1017 3rd st. s.c. 9" FOR SALE—Overstocked on chickens. Will sel. 160 Barred Rock pullets. H. F. O'Donnell. Silver Spring, Md. COCKERELS. White Wyandotte, \$3 each; also fillack Cochin bantam cockerels, \$1.50 each; William F. Wolf, Box 121, Hyatisvile, Md. Tel. 151 K.

Fell 181 K.

FOR \$5.90 we'll ship to ton, prepaid, our conplete all-metal, freproof, self-regulating a cubator and brooder combined; machines at the perfected gesults of latest discoveries incubation; the talk of poultrymen even where; any child can operate; batch 50 eg white brooding 50 chicks; one filling of latestation, there wasks mooner-back go

Black Persian Kitten. Bargain if sold at once. Phone N. 2023.

CHICKEN-Two black Langshans, male, 35 for pair. Miss Strauss, Landover, Md., R. F.

CHICKENS Two black (male: Langshaps, for pair Miss Strauss, Landover, Mel. R. WANTED 2 or 2 good Cycher's Incubators, large size. Box 202, Star office.

ANCONAS (28), \$1.50 each, 8 white leghorns \$1.60, for sale. 1408 Franklin at. n.e., Brook land, D. C.

THE QUALITY STRAIN OF WHITE PLYMOUTH ROCKS

BOGS FOR HAVE HING, a setting of 15 ergs \$2

TO RETRIES. HENS and PULLETS

for sale all farm rathed.

G. SERGEANT, Gloradie Md.

O. 810 7th st. u.w. Phone M. 7700.

S. C. ELPF ORPINGIONS. Cook and Force a strain. 16 ergs, \$2.50, also improved Silver Campines, Jacobus-Kennedy strain; 16 ergs for \$2.00. M. Roy, 801 Varnum st. u.w. Perworth. 15. C.

HOMERS Forty racing boming pigeous; flew 200 and 300 miles last fall as young birds. 348 Fee st. s.w.



Organizations Promote Shows and Inspire Beginners to Better Efforts in Industry.

BY POULTRY BODIES

National and Local Associations Attract Leading Authorities of the Country as Speakers.

BY REESE V. HICKS,

(Copyright, 1915.) Every industry must have some con

trolling body—an organization to fur-ther and promote its interests. The lawyers have their bar associa trade, the teachers their teachers' asociations, the laboring man his local abor union, according to his trade. Hence, it is necessary that the poultry interests also have their local and

national organizations. have the right to organize a local organization, and these local organizations, in turn, have the privilege of oining the national organization. Joining the national organization.

Local poultry organizations are formed usually for two purposes, or for a combination of these two purposes—first, for promoting and holding an annual poultry show for competition, to display birds and compete for prizes; second for the exchange of ideas and for the mutual discussion and development and the consideration of subjects that are of interest to poultrymen. The majority of the local organizations combine these two purposes. Question—Where can I buy several hundred hatching eggs, Single Comb White Leghorns, from flocks known to be heavy layers?

Answer—Several reliable breeders advertise Single Comb White Leghorn eggs for hatching, their announcements appearing in the poultry department of The Sunday Star. You will not go far wrong if you communicate with any of these.

poses.

Many of the associations offer special prizes to be competed for by their members only. The beginner may argue that he stands very little chance of winning a prize. Yet he should remember that he has the opportunity and privilege of competing for these prizes, and, although he may not win, yet the fact that he is competing and yet the fact that he is competing and can study the local prize-winning birds is a privilege for which he should give the local organization the

Local organizations are valuable to small poultry breeders because the organization bands the local poultryment together, and in this community of interests develops many ideas that are profit-bearing. As a result of this spirit some of the most noted poultry centers in the United States largely grew out of development work done by local poultry associations.

Co-operation in the marketing of eggs is also another benefit to be derived through local organizations. Some states are thoroughly organized and have a specified dealer to whom shipments of eggs and poultry products can be made, thus obtaining for the members a higher price for their products than if sold on the open market. Where this method is practiced it requires that the members produce a high standard article that will be in good demand on the market.

Value of Catalogues.

and have a specified dealer to whom shipments of eggs and poultry products can be made, thus obtaining for the members a higher price for their products than if sold on the open market. Where this method is practiced it requires that the members produce a high standard article that will be in good demand on the market.

Value of Catalogues.

Local organizations usually publish an annual catalogue, giving a list of their members, and this has an advertising value for the member, because it is widely circulated locally, and having his name, address and breed listed is a means of giving him favorable publicity. The local organization can do licity. The local organization can do

have been recommended by responsible parties.

The national organization also offers diplomas and silver and gold medals at all shows conducted under its rules. These prizes are competed for by members of the national body. The grand gold medal, valued at \$20, is quite a choice prize and is hotly contested for each year.

If in his dealings with the other members of the national body disputes arise, these disputes can be settled through a compilate of the regional of the re you; clear them all out and start over again with the new breed. In that way the breed will be kept pure, the flock will remain uniform in appearance, and best results, from a utility as well as from every other standpoint, will be obtained.

## per of the Department of Agriculture

bulletin relative to the treatment of Poultry Yard Notes.

number of chicks are to be hatched, say fifty or so. There are many different makes of incubators, prices of which vary widely, and all of which will give good results if instructions are followed. Read the advertising columns of The Sunday Star's poultry page for announcements of local dealers handling incubators, brooders, etc. Poultry specialists in the Department of Agriculture prophesy high prices for eggs next fall and winter. Many farmers and poultrymen, they say, have marketed practically their entire flocks because of the present high prices of feeds of all kinds. This is expected to result in a great shortage of breeders, which in turn means a notable decrease in size of the flocks of layers next fall and winter. Therefore, these specialists say, if farmers and poultrymen wish to profit by the high prices that eggs are certain to bring next fall and winter they should begin at once to get ready for extensive hatching op-

ratus that will force the solution into all cracks, crevices and crannies of the walls and roof as well as the roosts and roost supports. This will serve two purposes—it will prevent the hatching of eggs of mites, etc., and the development of dormant larvae, and at the same time, by its germicide action, will aid in preventing roup, chronic colds and other poultry diseases. A good, serviceable spraying apparatus may be bought for as little as \$2 or even less. Such a device has a score of uses about the poultry plant and will pay for itself in less than a single scason.

Success has followed forest planting on the sandhills of Nebraska. Jack pines planted there by the government gaps of the system in Prince Georges

# **WAIT ON A DECISION**

Washington Interested in Litigation

HYATTSVILLE, Md., February 6.

stage road case," and primarily involves the right of the state roads commission to use its discretion in the matter of roads to be improved when the legislature has apparently selected other highways to be permanently improved. The case was heard in the circuit court at Annancies some weeks.

expended on the old stage road by the commission.

It is alleged that this proceeding on the part of the commission, to construct the first three roads forming the adopted system in Prince Georges county and to ignore the other one, the old stage road, is unfair and illegal, and that the act of the commission is a perversion of the taxpayers' money of the election districts through which the old stage road runs, namely, to use old stage road runs, namely, to this money for the construction of the Meadows and Hills bridge roads.

# Districts Pay Heavy Taxes

through which the old stage road passes, pay over 30 per cent of the state the Crothers commission; that this road is tapped by numerous county roads will pay for itself in less can a single season.

In planning quarters for the chicks to be hatched this year try to locate the brooder houses on ground on which poultry has never ranged; also try to have a crop of clover, rye, oats or some such growth up and ready for the youngsters when they are old enough and when the weather is warm enough for them to be allowed outside the brooder houses.

Forest Notes.

It is estimated that the government's Grand Canyon game refuge in Arizona contains about 10,000 deer.

More than 2,000,000 young trees and 10,000 pounds of seed were planted in the national forests in 1914.

The government built more than 2,000 miles of trail and 3,000 miles of telephone line on the national forests in 1914.

At least 25 per cent of the larch timber over large areas in eastern Oregon has been killed or weakened by mistletoe and the forest service is taking steps to combat the pest.

Success has followed forest planting on the sandshills of Nebrayk and the seadshills of Nebrayk and the sandshills of Nebrayk and the seadshills of Nebrayk and by the Pennsylvania rallroad at Collington, by the Washington and handpols alter Collington, by the Washington and handpols and by the Pennsylvania rallroad at the interesting and hy the Pennsylvania rallroad at the interesting and by the Pennsylvania rallroad at Collington, by the washington there are and and

forest service ten years ago now have a county were the roads from Charles height of over fifteen feet and a diamcounty to Washington and from Marlboro to Washington. The Central Avenue road and the old stage road were of by local farmers and settlers to supply their needs for timber is shown in the fact that small timber sales on the forests numbered 8,298 in 1914, against 6,182 the previous year.

Bridge road not being adopted until long after the others, and, therefore, not entitled to preference over the con-struction of the old stage road, the fourth road in the gap system in Prince Georges country

Georges county.

The suit was brought in Anne Arundel county, as none of the members of the state roads commission lived in Baltimore, where their office is located, the state roads commission lived in Baltimore, where their office is located, and as only one of the defendants lived in Annapolis the writ of injunction was consequently served on the Governor of Maryland as one of the commission. Judge Brashears of the Anna Arundel county circuit court heard the case December 5 last in open court, many witnesses being examined, and after argument the court decided that the state roads commission had the discretion to substitute the Meadows to Camp Springs and the Mariboro to Hills bridge roads, to the exclusion of the old stage road. The case was thereupon appealed to the appellate court of Maryland, where it was argued by S. S. Field of the Baltimore bar for the plaintiffe, and Leon Greenbaum for the defendants.

Antiquity of Royal Families.

terest by advocates of good roads, automobilists and others throughout the state. The decision is of especial interest to Washington automobilists, many of whom use the roads in Prince Georges county extensively.

The litigation is known as the "old stage road case," and primarily involves the right of the state roads commission to use its discretion in the natter of roads to be improved when he legislature has apparently and industry. Like the nature of roads to be improved when he legislature has apparently and industry. Like the notable arrivals last week, left for Washington are among the recent arrivals at the Dennis. Whis are among the recent arrivals at the Dennis.

Washington are among the recent arrivals at the Dennis.

Wars. Fred Thompson of Washington, who is at the Arlington, is entertaining Miss Spicer for the week.

Miss Lower of Washington is visit to be with the matter of roads to be improved when he legislature has apparently when the read in the notable arrivals last week, left for Washington are among the recent arrivals at the Dennis.

Wars. Fred Thompson of Washington, who is at the Arlington, is entertaining Miss Spicer for the week.

Miss Lower of Washington is visit to be well in the number of the world, is exceedingly small, but something of their lack of numbers is compensated for by their zeal and industry. Like the notable arrivals last week, who was one of washington early this week.

Wars. Fred Thompson of Washington are among the recent arrivals at the Dennis.

Miss Lower of Washington is visit trace human blood strains—not stains.

Miss Lower of Washington who was one of the washington are among the recent arrivals at the Dennis.

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Miss Lower of Washington are among the recent arrivals at the Dennis.

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Washington are

bulletin relative to the treatment of poultry droppings to conserve their fertilizing value. (2) What is your opinion as to the value of cut green bone as a food for hens to increase the poultry opinion as the value of cut green bone as a food for hens to increase the poultry opinion as the value of cut green bone as a food for hens to increase the poultry opinion of publication of the deal publication of pu the librage examiner of the commission was established, and was required to lay out of the same and a commission was established and prince of the commission was established, and was required to lay out of the commission was established, and was required to lay out of the commission was established, and was required to lay out of the commission was established, and was required to lay out of the commission was established, and was required to lay out of the commission was established, and was required to lay out of the commission was established, and was required to lay out of the commission was established as well as the commission was established to be as a subject to the commission was established as well as the commission was established as well as the commission was esta

the roads in Prince

as country in the order of their strated by the stump fences more than the prince and poultry-ments of reliable breeders who will and April hatching eggs and breeding stock.

Silver-spangeled Hamburgs bred and April hatching eggs and breeding stock.

Silver-spangeled Hamburgs bred and a half each. The cockerels should a face the producer. Early hatched cockerels control to the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injustic of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the system adopted by the Crofts in the injust of the construction of the con much in the way of suggestion among individual members as to the most individual members as to the most valuable and economical means of publicity. If one member has found a certain medium of advertising profitable breeiers who will blefty. If one member has found a certain medium of advertising profitable intensity of reliable breeiers who will be departed that are the publicity. If one member has found a certain medium of advertising profitable intensity of reliable breeiers who will be departed to a possibility. If one member has found a certain medium of advertising profitable intensity of reliable breeiers who will be departed to appeal to the most valuable and economical means of publicity. If one member has found a certain method of the ground by powerful means of publicity of the ground by powerful profits of the ground by advertised to appeal to the matterial profits of the profits of the profits of the ground by powerful profits of the ground by advertised the profits of the ground by powerful profits of the ground by powerful profits of the ground by powerful profits of the ground by advertised to appeal to the matterial profits of the ground by powerful profits of the ground by powerful profits of the ground by powerful profits of the ground by advertised to appeal to the national body and the local association, this being to this p

FARM AND GARDEN.

# **Get Stumps Out**

says Farmers Bulletin 261, Wisconsin Experiment Station. Blast out your stumps-turn that idle land into money. You can do the work yourself, easily, quickly, and chearly with

# Atlas Farm Powder THE SAFEST EXPLOSIVE

Farm Powder blows the stump entirely out of the ground, split-ting it up so it can be handled easily. It breaks up the subsoil

especially for the farm. It costs little and works wonders in clearing land of stumps and boulders, breaking up the subsoil, tree plant-ing, ditching and draining. It saves labor, time and money.

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nies, have been formally recognized by

Atlantic City.

ATLANTIC CITY, February 6 .- Suf-

fragists, who include many prominent

escaped the slaughter, being away from the bloody zone and residing at Mizpeh. With Jeremiah and a colony and the Mizpeh. With Jeremiah and a colony they went to Egypt. The argument is that Jeremiah and the Princess Tea Tephi migrated to Ireland somewhere about 600 years before the Christian era and in Ireland the princes was an and in Ireland the princes was an arrived to Prince Coward, and from this union descended the kings and queens of Scotland, and thus the connection between the present royal family of Great Britain and King David is established.

FENCES IN MICHIGAN.

Uprooted Tree Stumps Take the Place of Our Stone Walls.

From the American Forestry.

An easterner visiting Michigan is attracted by the stump fences more than by almost anything else. Aside from these stump fences, the farms, the uplands and the marshes are not much different from those of New England. One misses the characteristic stone walls of New England, but finds in their place the most novel fences in their place the most novel fences in the world—those made of stumps that have in recent years been puiled out of the ground by powerful machines

FARM AND GARDEN.



Bore a hole, put in the charge, light a fuse, and the work is done! Atlas especially for the farm. It costs and greatly increases its fertility. Mail the Coupon for "Better Farming" Book

ATLAS POWDER COMPANY General WILMINGTON, DEL.

LONG-TAILED YOKOHAMAS.

From the London Chronicle.

The place of the vanishing baked post at any only birds. 318 Fee at all as young birds. 319 Fee

nim standing and prestige with the general poultry public, as it is the policy of the national organization to admit to membership only those who

with a properly diluted solution of crude carbolic acid or some kindred disinfecting agent. Use a spray appa-ratus that will force the solution into